

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	Attorney Docket No.: PIERBU0015
)	
Rainer METZLER et al.)	Confirmation No.: Unassigned
)	
Serial No.: Unassigned)	Group Art Unit: Unassigned
)	
Filed: January 10, 2006)	Examiner: Unassigned
)	
For: DEVICE FOR MEASURING TIME- RESOLVED VOLUMETRIC FLOW PROCESSES)	Date: January 10, 2006
)	

INFORMATION DISCLOSURE STATEMENT

MAIL STOP: PCT

U.S. Patent and Trademark Office
Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, this
Information Disclosure Statement in connection with the above-identified application is being
filed in accordance with 37 C.F.R. §1.97(b):

- ☐ within three months of the filing date of this application (not a C.P.A.);
- ☒ within three months of the date of entry of the National Stage;
- ☐ before the mailing date of a first Office Action on the merits; or
- ☐ before the mailing of a first Office Action on the merits of, after the filing of a Request for Continued Examination (RCE) under §1.114.

A copy of each non-U.S. document identified on the attached Forms PTO/SB/08A and
PTO/SB/08B is attached, however, in accordance with Official Gazette Notice dated August

5, 2003, copies of the U.S. patents and patent application publications are not attached.

Attached is a copy of the Search Report (Document L) issued in the corresponding International application. Documents A-C cited herein were cited in said Search Report, it is believed that the relevancy of each document cited is clear from the Search Report.

Accordingly, no further comment with regard to the disclosures of these documents is believed to be required.

Document D relates to an injection pump injection quantity measurement device. Document E relates to an electronically controlled flow measuring and dosing instrument. Document F relates to a device and method for measuring the injected-fuel quantity of injection systems. Document G relates to a device for instantaneous ad hoc analysis of an injection flow. Document H relates to a fuel injection quantity measuring apparatus. Document I relates to small quantities of fuel metering method for injection. Document J relates to an electromagnetically controlled volume measurer for diesel injection pump. Document K relates to a test unit for fuel injection pump. Their relevance is believed to be clear from the specification. Accordingly, no further comment with regard to the disclosures of these documents is believed to be required.

It is respectfully requested that the attached documents be considered and officially cited, and that a copy of Forms PTO/SB/08A and PTO/SB/08B, be initialed by the Examiner and returned to the undersigned to indicate that the documents have been considered.

Attorney Dkt. No. PIERBU0015

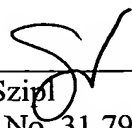
Serial No. Unassigned

It is believed that the present Information Disclosure Statement complies with the requirements of 37 C.F.R. §§ 1.97-8, but should the filing of this paper necessitate a fee, the Director is hereby authorized to charge the necessary fee to Deposit Account No.

50-1281.

Respectfully submitted,

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Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	1	of	3
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Complete if Known.

Application Number	Unassigned
Filing Date	January 10, 2006
First Named Inventor	Rainer METZLER
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	PIERBU0015

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	C	NL 1015995	02-26-2002	NMI Van Swinden		✓
	D	DE 33 02 059 A1	04-19-1984	Robert Bosch		✓
	E	DE 1 798 080	10-18-1973	Pierburg		✓
	F	WO 02/054038 A2	07-11-2002	Robert Bosch		✓
	G	WO 00/79125 A1	12-28-2000	EFS SA		✓
	H	DE 41 30 394 A1	03-19-1992	Nippondenso Co.		✓

**Examiner
Signature**

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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LAP15 Rec'd PCT/PTO 10 JAN 2006

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	Unassigned 10/563955
Filing Date	January 10, 2006
First Named Inventor	Rainer METZLER
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	PIERBU0015

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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)	MM-DD-YYYY			
	I	DE 44 34 597 A1	04-04-1996	Robert Bosch		<input checked="" type="checkbox"/>
	J	DE 39 16 419 A1	11-22-1990	Daimler-Benz AG		<input checked="" type="checkbox"/>
	K	DE 31 39 831 A1	04-21-1983	Daimler-Benz AG		<input checked="" type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

**Examiner
Signature**

Date
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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		Filing Date	January 10, 2006
		First Named Inventor	Rainer METZLER
		Art Unit	Unassigned
		Examiner Name	Unassigned
		Attorney Docket Number	PIERBU0015
Sheet 3	of 3		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	L	International Search Report issued in corresponding application PCT/EP2004/007353 completed November 16, 2004 and mailed November 25, 2004	✓

Examiner Signature		Date Considered	
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